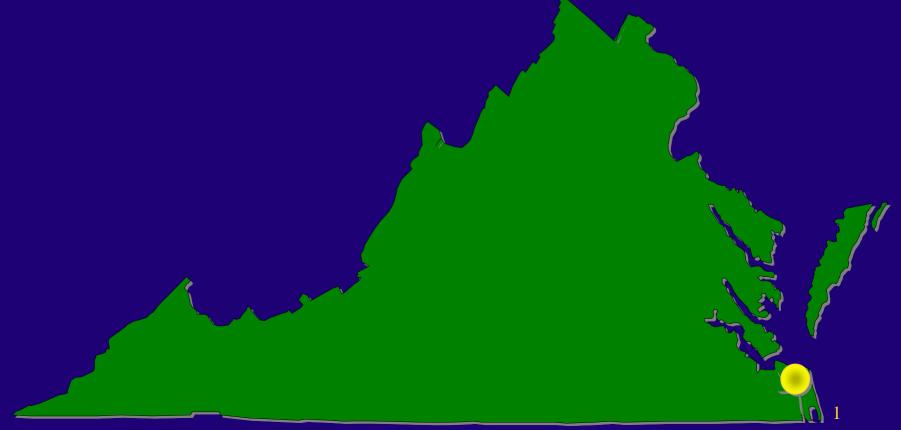


## LYNNHAVEN RIVER BASIN ENVIRONMENTAL RESTORATION VIRGINIA BEACH, VIRGINIA

US Army Corps of Engineers

Norfolk District



## STUDY AUTHORITY

#### HOUSE RESOLUTION ADOPTED

MAY 6, 1998

## PLANNING PROCESS

-- RECONNAISSANCE (100%FEDERAL)

-- FEASIBILITY (50%FED/50%NON-FED)

## RECONNAISSANCE PHASE OBJECTIVES

- -- IDENTIFY PROBLEMS AND NEEDS
- -- DETERMINE FEDERAL INTEREST
- -- PREPARE PROJECT MANAGEMENT PLAN
- -- ASSESS LEVEL OF LOCAL SUPPORT
- -- EXECUTE FCSA

## STUDY PHASE OVERVIEW

COST OF RECONNAISSANCE	\$100K
COST OF FEASIBILITY (estimated)	\$2.0M

#### **SCHEDULE**

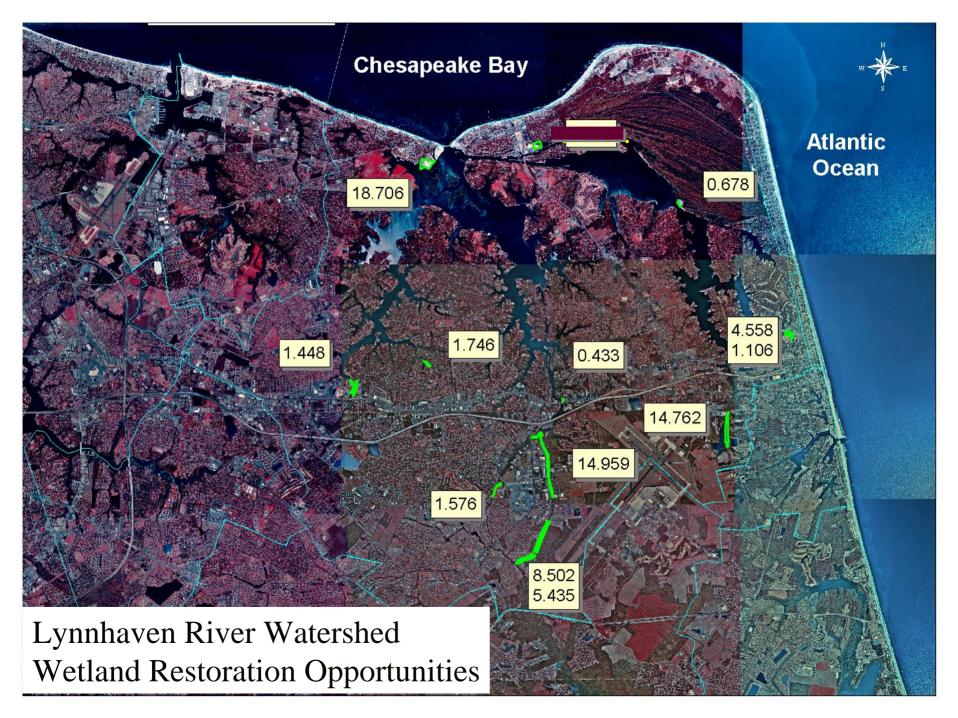
Initiate Reconnaissance	Jan 02
Draft Reconnaissance Report	Jun 02
Complete Reconnaissance	Jan 03
Execute FCSA/Initiate Feasibility	Mar 03
Complete Feasibility	Mar 06

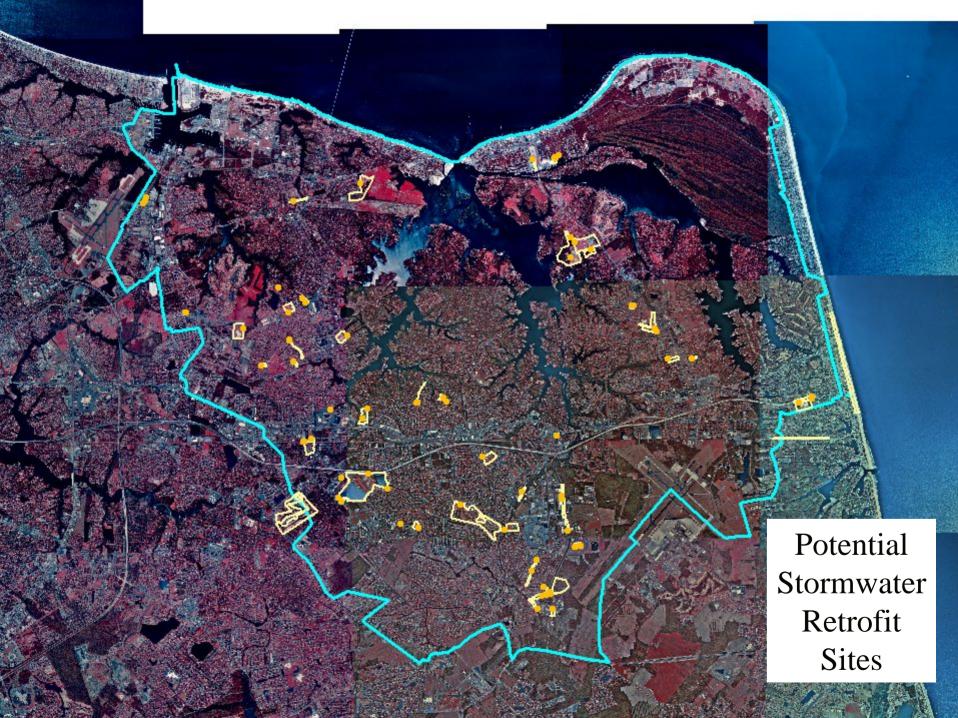
## **PROBLEMS**

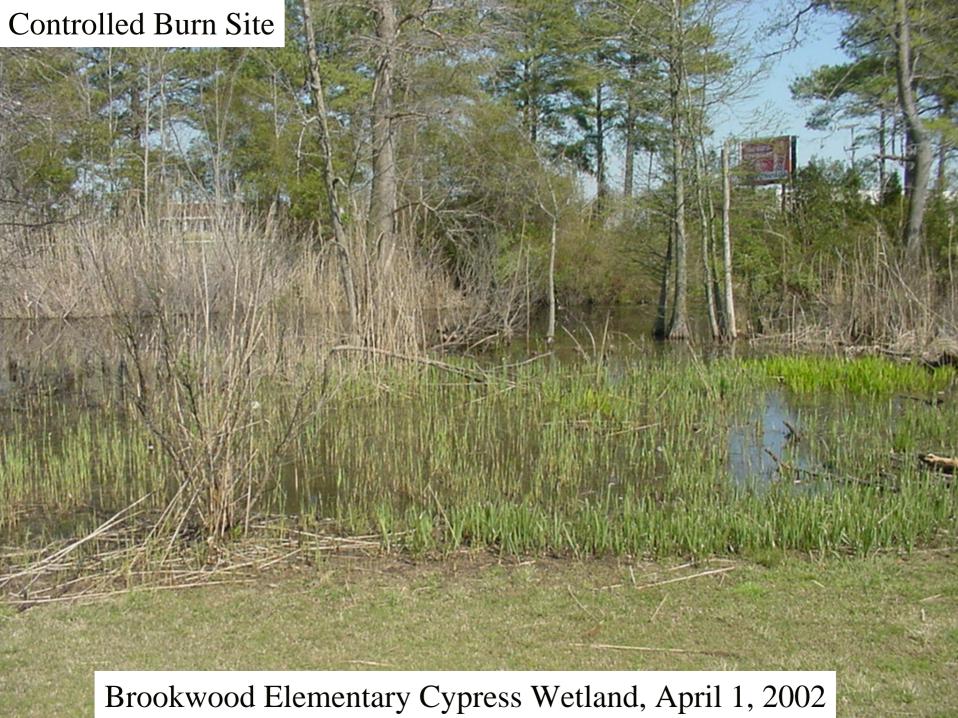
- -- INCREASED SEDIMENTATION
- -- DEGRADED WATER QUALITY
- -- 50% LOSS OF WETLANDS IN LAST 30 YEARS
- -- LOSS OF SAV'S
- -- 100% LOSS OF OYSTER PRODUCTION IN LAST 70 YEARS

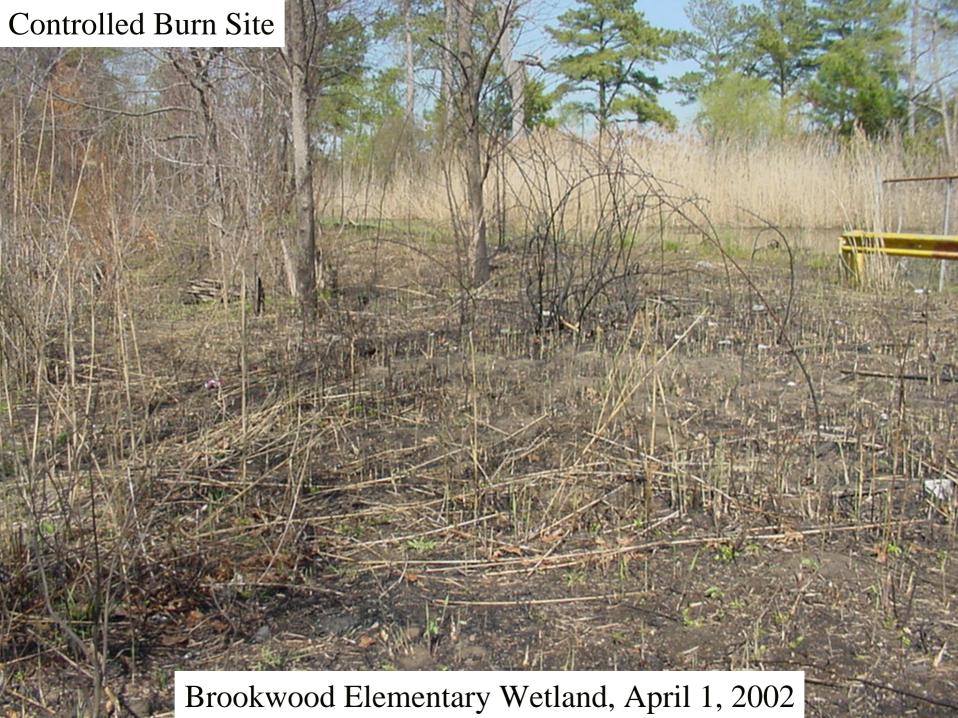
## OPPORTUNITIES

- -- WATER QUALITY IMPROVEMENTS
  -STORMWATER RUNOFF, FECALS, D.O.
- -- RESTORATION OF WETLANDS
  -INCLUDING PHRAGMITIES ISSUES
- -- RESTORATION OF RIPARIAN BUFFERS
- -- RESTORATION OF SAV'S
- -- RESTORATION OF OYSTER REEFS
- -- TIDAL PRISM DEPTH CHANGES/SILTATION
- -- CONTAMINATED SEDIMENT REMOVAL

















## LOCAL SPONSOR(s)

## CITY OF VIRGINIA BEACH COMMONWEALTH OF VA?



# LYNNHAVEN RIVER BASIN ENVIRONMENTAL RESTORATION VIRGINIA BEACH, VIRGINIA

US Army Corps of Engineers

Norfolk District

